

## Indian Nation Data Security Requirements

**Exhibit** 

**DSHS** Agreement Number:

Indian Nation Agreement Number:

- **1. Definitions.** The words and phrases listed below, as used in this Exhibit, shall each have the following definitions:
  - a. "Authorized User(s)" means an individual or individuals with an authorized business requirement to access DSHS Confidential Information.
  - b. "Confidential Information" or "Data" means information that is exempt from disclosure to the public or other unauthorized persons under RCW 42.56 or other federal, state, or Tribal laws. Confidential Information includes, but is not limited to, Personal Information.
  - c. "Encrypt" means to encode Confidential Information into a format that can only be read by those possessing a "key"; a password, digital certificate or other mechanism available only to authorized users. Encryption must use a key length of at least 128 bits.
  - d. "Hardened Password" means a string of at least eight characters containing at least one alphabetic character, at least one number and at least one special character such as an asterisk, ampersand or exclamation point.
  - e. "Physically Secure" means that access is restricted through physical means to authorized individuals only.
  - f. "RCW" means the Revised Code of Washington. All references in this Agreement to RCW chapters or sections shall include any successor, amended, or replacement statute. Pertinent RCW chapters can be accessed at http://apps.leg.wa.gov/rcw/.
  - g. "Secured Area" means an area to which only authorized representatives of the entity possessing the Confidential Information have access. Secured Areas may include buildings, rooms or locked storage containers (such as a filing cabinet) within a room, as long as access to the Confidential Information is not available to unauthorized personnel.
  - h. "Tracking" means a record keeping system that identifies when the sender begins delivery of Confidential Information to the authorized and intended recipient, and when the sender receives confirmation of delivery from the authorized and intended recipient of Confidential Information.
  - i. "Trusted System(s)" include only the following methods of physical delivery: (1) hand-delivery by a person authorized to have access to the Confidential Information with written acknowledgement of receipt; (2) United States Postal Service ("USPS") first class mail, or USPS delivery services that include Tracking, such as Certified Mail, Express Mail or Registered Mail; (3) commercial delivery services (e.g. FedEx, UPS, DHL) which offer Tracking and receipt confirmation; and (4) the Washington State Campus mail system. For electronic transmission, the Washington State Governmental Network (SGN) is a Trusted System for communications within that Network.
  - j. "Unique User ID" means a string of characters that identifies a specific user and which, in conjunction with a password, passphrase or other mechanism, authenticates a user to an information system.

## 2. Confidentiality.

- a. The Indian Nation shall not use, publish, transfer, sell or otherwise disclose any Confidential Information gained by reason of this Agreement for any purpose that is not directly connected with Indian Nation's performance of the services contemplated hereunder, except:
  - (1) as provided by law; or,
  - (2) in the case of Personal Information, with the prior written consent of the person or personal representative of the person who is the subject of the Personal Information.
- b. The Indian Nation shall protect and maintain all Confidential Information gained by reason of this Agreement against unauthorized use, access, disclosure, modification or loss. This duty requires the Indian Nation to employ reasonable security measures, which include restricting access to the Confidential Information by:
  - (1) Allowing access only to staff that have an authorized business requirement to view the Data.
  - (2) Physically Securing any computers, documents, or other media containing the Data.
  - (3) Sending paper documents containing DSHS Data via a Trusted System.
- **3. Data Transport.** When transporting DSHS Confidential Information electronically, including via email, the Data will be protected by:
  - a. Transporting the Data within the (State Governmental Network) SGN or Indian Nation's internal network, or;
  - b. Encrypting any Data that will be in transit outside the SGN or Indian Nation's internal network. This includes transit over the public Internet.
- **4. Protection of Data.** The Indian Nation agrees to store Data on one or more of the following media and protect the Data as described:
  - a. Hard disk drives. Data stored on local workstation hard disks. Access to the Data will be restricted to Authorized User(s) by requiring logon to the local workstation using a Unique User ID and Hardened Password or other authentication mechanisms which provide equal or greater security, such as biometrics or smart cards.
  - b. Network server disks. Data stored on hard disks mounted on network servers and made available through shared folders. Access to the Data will be restricted to Authorized Users through the use of access control lists which will grant access only after the Authorized User has authenticated to the network using a Unique User ID and Hardened Password or other authentication mechanisms which provide equal or greater security, such as biometrics or smart cards. Data on disks mounted to such servers must be located in an area which is accessible only to authorized personnel, with access controlled through use of a key, card key, combination lock, or comparable mechanism.
    - For DSHS Confidential Information stored on these disks, deleting unneeded Data is sufficient as long as the disks remain in a Secured Area and otherwise meet the requirements listed in the above paragraph. Destruction of the Data as outlined in Section 4. Data Disposition may be deferred until the disks are retired, replaced, or otherwise taken out of the Secured Area.
  - c. Optical discs (CDs or DVDs) in local workstation optical disc drives. Data provided by DSHS on optical discs which will be used in local workstation optical disc drives and which will not be transported out of a Secured Area. When not in use for the agreed purpose, such discs must be locked in a drawer, cabinet or other container to which only Authorized Users have the key,

combination or mechanism required to access the contents of the container. Workstations which access DSHS Data on optical discs must be located in an area which is accessible only to authorized personnel, with access controlled through use of a key, card key, combination lock, or comparable mechanism.

- d. Optical discs (CDs or DVDs) in drives or jukeboxes attached to servers. Data provided by DSHS on optical discs which will be attached to network servers and which will not be transported out of a Secured Area. Access to Data on these discs will be restricted to Authorized Users through the use of access control lists which will grant access only after the Authorized User has authenticated to the network using a Unique User ID and Hardened Password or other authentication mechanisms which provide equal or greater security, such as biometrics or smart cards. Data on discs attached to such servers must be located in an area which is accessible only to authorized personnel, with access controlled through use of a key, card key, combination lock, or comparable mechanism.
- e. **Paper documents.** Any paper records must be protected by storing the records in a Secured Area which is only accessible to authorized personnel. When not in use, such records must be stored in a locked container, such as a file cabinet, locking drawer, or safe, to which only authorized persons have access.
- f. Remote Access. Access to and use of the Data over the State Governmental Network (SGN) or Secure Access Washington (SAW) will be controlled by DSHS staff who will issue authentication credentials (e.g. a Unique User ID and Hardened Password) to Authorized Users on Indian Nation staff. Indian Nation will notify DSHS staff immediately whenever an Authorized User in possession of such credentials is terminated or otherwise leaves the employ of the Indian Nation, and whenever an Authorized User's duties change such that the Authorized User no longer requires access to perform work for this Agreement.
- g. Data storage on portable devices or media.
  - (1) Except where otherwise specified herein, DSHS Data shall not be stored by the Indian Nation on portable devices or media unless specifically authorized within the terms and conditions of the Agreement. If so authorized, the Data shall be given the following protections:
    - (a) Encrypt the Data with a key length of at least 128 bits
    - (b) Control access to devices with a Unique User ID and Hardened Password or stronger authentication method such as a physical token or biometrics.
    - (c) Manually lock devices whenever they are left unattended and set devices to lock automatically after a period of inactivity, if this feature is available. Maximum period of inactivity is 20 minutes.

Physically Secure the portable device(s) and/or media by

- (d) Keeping them in locked storage when not in use
- (e) Using check-in/check-out procedures when they are shared, and
- (f) Taking frequent inventories
- (2) When being transported outside of a Secured Area, portable devices and media with DSHS Confidential Information must be under the physical control of Indian Nation staff with authorization to access the Data.

- (3) Portable devices include, but are not limited to; smart phones, tablets, flash memory devices (e.g. USB flash drives, personal media players), portable hard disks, and laptop/notebook/netbook computers if those computers may be transported outside of a Secured Area.
- (4) Portable media includes, but is not limited to; optical media (e.g. CDs, DVDs), magnetic media (e.g. floppy disks, tape), or flash media (e.g. CompactFlash, SD, MMC).

## h. Data stored for backup purposes.

- (1) DSHS data may be stored on portable media as part of an Indian Nation's existing, documented backup process for business continuity or disaster recovery purposes. Such storage is authorized until such time as that media would be reused during the course of normal backup operations. If backup media is retired while DSHS Confidential Information still exists upon it, such media will be destroyed at that time in accordance with the disposition requirements in Section 6.
- (2) DSHS Data may be stored on non-portable media (e.g. Storage Area Network drives, virtual media, etc.) as part of a Indian Nation's existing, documented backup process for business continuity or disaster recovery purposes. If so, such media will be protected as otherwise described in this exhibit. If this media is retired while DSHS Confidential Information still exists upon it, the data will be destroyed at that time in accordance with the disposition requirements in Section 6. Data Disposition.

## 5. Data Segregation.

- a. DSHS Data must be segregated or otherwise distinguishable from non-DSHS data. This is to ensure that when no longer needed by the n, all DSHS Data can be identified for return or destruction. It also aids in determining whether DSHS Data has or may have been compromised in the event of a security breach. As such, one or more of the following methods will be used for data segregation.
- b. DSHS Data will be kept on media (e.g. hard disk, optical disc, tape, etc.) which will contain no non-DSHS Data. And/or,
- c. DSHS Data will be stored in a logical container on electronic media, such as a partition or folder dedicated to DSHS Data. And/or,
- d. DSHS Data will be stored in a database which will contain no non-DSHS data. And/or,
- e. DSHS Data will be stored within a database and will be distinguishable from non-DSHS data by the value of a specific field or fields within database records.
- f. When stored as physical paper documents, DSHS Data will be physically segregated from non-DSHS data in a drawer, folder, or other container.
- g. When it is not feasible or practical to segregate DSHS Data from non-DSHS data, then both the DSHS Data and the non-DSHS data with which it is commingled must be protected as described in this exhibit.
- **Data Disposition.** When the agreed work has been completed or when no longer needed, except as noted in 4.b above, Data shall be returned to DSHS or destroyed. Media on which Data may be stored and associated acceptable methods of destruction are as follows:

Data stored on:	Will be destroyed by:
Server or workstation hard disks, or	Using a "wipe" utility which will overwrite the Data at least three (3) times using either random or single
Removable media (e.g. floppies, USB flash drives, portable hard disks) excluding optical discs	character data, or
	Degaussing sufficiently to ensure that the Data cannot be reconstructed, or
	Physically destroying the disk
Paper documents with sensitive or Confidential Information	Recycling through a contracted firm provided the contract with the recycler assures that the confidentiality of Data will be protected.
Paper documents containing Confidential Information requiring special handling (e.g. protected health information)	On-site shredding, pulping, or incineration
Optical discs (e.g. CDs or DVDs)	Incineration, shredding, or completely defacing the readable surface with a coarse abrasive
Magnetic tape	Degaussing, incinerating or crosscut shredding

- 7. Notification of Compromise or Potential Compromise. The compromise or potential compromise of DSHS shared Data must be reported to the DSHS Contact designated in the Agreement within one (1) business day of discovery. If no DSHS Contact is designated in the Agreement, then the notification must be reported to the DSHS Privacy Officer at dshsprivacyofficer@dshs.wa.gov. The Indian Nation must also take actions to mitigate the risk of loss and comply with any notification or other requirements imposed by law or DSHS.
- 8. Data shared with Subcontractors. If DSHS Data provided under this Agreement is to be shared with a subcontractor, the contract with the subcontractor must include all of the data security provisions within this Agreement and within any amendments, attachments, or exhibits within this Agreement. If the Indian Nation cannot protect the Data as articulated within this Agreement, then the contract with the subcontractor must be submitted to the DSHS Contact specified for this contract for review and approval.

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